

Hugh D Burrows

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

304 papers	7,954 citations	45 h-index	68 g-index
311 ext. papers	8,345 ext. citations	4.5 avg, IF	5.64 L-index

#	Paper	IF	Citations
304	Complexes of In(III) with 8-hydroxyquinoline-5-sulfonate in solution: structural studies and the effect of cationic surfactants on the photophysical behaviour. <i>Dalton Transactions</i> , 2021 , 50, 16970-16983	4.3	1
303	Removal of Imidacloprid from Water by Microalgae <i>Nannochloropsis</i> sp. and Its Determination by a Validated RP-HPLC Method. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021 , 107, 131-139	2.7	6
302	Singlet and Triplet State Properties and Singlet Oxygen Yield of an Amino-Acyl-Quinoxalinone Yellow Dye. <i>Journal of Fluorescence</i> , 2021 , 31, 1363-1369	2.4	
301	Winners of the 2020 IUPAC-SOLVAY International Award for Young Chemists. <i>Pure and Applied Chemistry</i> , 2021 , 93, 167-168	2.1	
300	IUPAC and the Organisation for the Prohibition of Chemical Weapons (OPCW). <i>Pure and Applied Chemistry</i> , 2020 , 92, 541	2.1	0
299	Winners of the 2018 and 2019 IUPAC-SOLVAY International Award for Young Chemists. <i>Pure and Applied Chemistry</i> , 2020 , 92, 695-696	2.1	
298	Development and validation of a RP-HPLC method for the simultaneous analysis of paracetamol, ibuprofen, olanzapine, and simvastatin during microalgae bioremediation. <i>MethodsX</i> , 2020 , 7, 101083	1.9	3
297	Photophysical studies on lanthanide(III) chelates conjugated to Pittsburgh compound B as luminescent probes targeted to $\text{A}\beta$ amyloid aggregates. <i>Photochemical and Photobiological Sciences</i> , 2020 , 19, 1522-1537	4.2	2
296	Removal of Pharmaceuticals from Water by Free and Immobilised Microalgae. <i>Molecules</i> , 2020 , 25,	4.8	14
295	Multifunctionalization of cyanuric chloride for the stepwise synthesis of potential multimodal imaging chemical entities. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 2517-2525	5.9	2
294	Poly(9-undecyl-9-methyl-fluorene) and poly(9-pentadecyl-9-methyl-fluorene): Synthesis, solution structure, and effect of side chain asymmetry on aggregation behavior. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019 , 57, 826-837	2.6	2
293	Analysis of Food by High Performance Liquid Chromatography Coupled with Coulometric Detection and Related Techniques: A Review. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 4113-4144	5.7	11
292	Endocrine disrupting chemicals: Impact on human health, wildlife and the environment. <i>Science Progress</i> , 2019 , 102, 3-42	1.1	39
291	Explosives Detection: From Sensing to Response. <i>Springer Series on Fluorescence</i> , 2019 , 293-320	0.5	5
290	The 2019 Nobel Prize in Chemistry. <i>Pure and Applied Chemistry</i> , 2019 , 91, 1717-1717	2.1	3
289	The effect of chloride ions and organic matter on the photodegradation of acetamiprid in saline waters. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 360, 117-124	4.7	10
288	Structuring Conjugated Polymers and Polyelectrolytes Through Self-Assembly. <i>Materials and Energy</i> , 2018 , 67-114		

287	Monitoring oil production for biobased feedstock in the microalga <i>Nannochloropsis</i> sp.: a novel method combining the BODIPY BD-C12 fluorescent probe and simple image processing. <i>Journal of Applied Phycology</i> , 2018 , 30, 2273-2285	3.2	5
286	Effects of Charge Density on Photophysics and Aggregation Behavior of Anionic Fluorene-Arylene Conjugated Polyelectrolytes. <i>Polymers</i> , 2018 , 10,	4.5	4
285	Analysis of raw EEM fluorescence spectra - ICA and PARAFAC capabilities. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 205, 320-334	4.4	4
284	Winners of the 2017 IUPAC-SOLVAY International Award for Young Chemists. <i>Pure and Applied Chemistry</i> , 2018 , 90, 1357-1357	2.1	1
283	Titanium Dioxide Nanoparticle Photocatalysed Degradation of Ibuprofen and Naproxen in Water: Competing Hydroxyl Radical Attack and Oxidative Decarboxylation by Semiconductor Holes. <i>ChemistrySelect</i> , 2018 , 3, 10915-10924	1.8	16
282	Platinum(II) Ring-Fused Chlorins as Near-Infrared Emitting Oxygen Sensors and Photodynamic Agents. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 310-315	4.3	38
281	Effect of pH in the structure and mass transport by diffusion of theophylline. <i>Journal of Chemical Thermodynamics</i> , 2017 , 110, 162-170	2.9	9
280	Effect of the calcination temperature on the photocatalytic efficiency of acidic sol-gel synthesized TiO nanoparticles in the degradation of alprazolam. <i>Photochemical and Photobiological Sciences</i> , 2017 , 16, 935-945	4.2	12
279	Oxocomplexes of U(vi) with 8-hydroxyquinoline-5-sulfonate in solution: structural studies and photophysical behaviour. <i>Dalton Transactions</i> , 2017 , 46, 9358-9368	4.3	4
278	Ureasil organic/inorganic hybrids as photoactive waveguides for conjugated polyelectrolyte luminescent solar concentrators. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 2271-2282	7.8	16
277	Open Access: Why IUPAC is a Supporter. <i>Pure and Applied Chemistry</i> , 2017 , 89, 1737-1738	2.1	0
276	Binding of divalent and higher valent metal ions to surfactants and polyelectrolytes. <i>Current Opinion in Colloid and Interface Science</i> , 2017 , 32, 76-83	7.6	2
275	Fluorescence Enhancement of a Cationic Fluorene-Phenylene Conjugated Polyelectrolyte Induced by Nonionic n-Alkyl Polyoxyethylene Surfactants. <i>Langmuir</i> , 2017 , 33, 13350-13363	4	6
274	Decatungstate anion as an efficient photocatalytic species for the transformation of the pesticide 2-(1-naphthyl)acetamide in aqueous solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017 , 334, 61-73	4.7	7
273	Optical and Photovoltaic Properties of Thieno[3,2-]thiophene-Based Push-Pull Organic Dyes with Different Anchoring Groups for Dye-Sensitized Solar Cells. <i>ACS Omega</i> , 2017 , 2, 9268-9279	3.9	21
272	Towards the Development of a Low-Cost Device for the Detection of Explosives Vapors by Fluorescence Quenching of Conjugated Polymers in Solid Matrices. <i>Sensors</i> , 2017 , 17,	3.8	8
271	Incorporation of a Cationic Conjugated Polyelectrolyte CPE within an Aqueous Poly(vinyl alcohol) Sol. <i>Macromolecules</i> , 2016 , 49, 9119-9131	5.5	9
270	Influence of fructose on the diffusion of potassium hydrogen phosphate in aqueous solutions at 25 °C. <i>Journal of Chemical Thermodynamics</i> , 2016 , 101, 245-250	2.9	2

269	Self-assembled systems of water soluble metal 8-hydroxyquinolates with surfactants and conjugated polyelectrolytes. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 16629-40	3.6	7
268	The quest for biocompatible phthalocyanines for molecular imaging: Photophysics, relaxometry and cytotoxicity studies. <i>Journal of Inorganic Biochemistry</i> , 2016 , 154, 50-9	4.2	18
267	Molecular Dynamics Study of Self-Assembly of Aqueous Solutions of Poly[9,9-bis(4-Sulfonylbutoxyphenyl)phenyl] Fluorene-2,7-diyl-2,2'-Bithiophene] (PBS-PF2T) in the Presence of Pentaethylene Glycol Monododecyl Ether (CE)] <i>Materials</i> , 2016 , 9,	3.5	2
266	Priority pesticides in sediments of European coastal lagoons: A review. <i>Marine Pollution Bulletin</i> , 2016 , 112, 6-16	6.7	38
265	The 2016 Nobel Prize in Chemistry. <i>Pure and Applied Chemistry</i> , 2016 , 88, 917-918	2.1	3
264	Winners of the 2015 IUPAC-SOLVAY International Award for Young Chemists. <i>Pure and Applied Chemistry</i> , 2016 , 88, 161-162	2.1	
263	Effect of 2-Hydroxypropyl-β-cyclodextrin on the diffusion behaviour of L-dopa in aqueous solutions. <i>Journal of Chemical Thermodynamics</i> , 2016 , 97, 122-126	2.9	5
262	Unsupervised component analysis: PCA, POA and ICA data exploring - connecting the dots. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016 , 165, 69-84	4.4	14
261	Winners of the 2014 IUPAC-SOLVAY International Award for Young Chemists. <i>Pure and Applied Chemistry</i> , 2015 , 87, 1-2	2.1	18
260	Influence of dissolved organic matter on the photodegradation and volatilization kinetics of chlorpyrifos in coastal waters. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015 , 310, 189-196	4.7	13
259	Ternary mutual diffusion coefficients of aqueous {l-dopa (1)+βCD (2)} solutions at T=298.15K. <i>Journal of Chemical Thermodynamics</i> , 2015 , 90, 169-173	2.9	13
258	Synthesis, structure, and spectral and electrochemical properties of chromium(III) tris-(8-hydroxyquinolate). <i>Dalton Transactions</i> , 2015 , 44, 11491-503	4.3	16
257	Synthesis, characterization and assessment of the cytotoxic activity of Cu(II), Fe(III) and Mn(III) complexes of camphoric acid-derived salen ligands. <i>Applied Organometallic Chemistry</i> , 2015 , 29, 425-432	3.1	13
256	Synergistic photoluminescence enhancement in conjugated polymer-di-ureasil organic-inorganic composites. <i>Chemical Science</i> , 2015 , 6, 7227-7237	9.4	24
255	Interactions of a zwitterionic thiophene-based conjugated polymer with surfactants. <i>Polymer Chemistry</i> , 2015 , 6, 8036-8046	4.9	17
254	Oxocomplexes of Mo(VI) and W(VI) with 8-hydroxyquinoline-5-sulfonate in solution: structural studies and the effect of the metal ion on the photophysical behaviour. <i>Dalton Transactions</i> , 2015 , 44, 19076-89	4.3	10
253	Cyanobacteria and microalgae: a renewable source of bioactive compounds and other chemicals. <i>Science Progress</i> , 2015 , 98, 145-68	1.1	35
252	NMR, DFT and luminescence studies of the complexation of V(V) oxoions in solution with 8-hydroxyquinoline-5-sulfonate. <i>New Journal of Chemistry</i> , 2015 , 39, 1488-1497	3.6	11

251	Direct estimation of dissolved organic carbon using synchronous fluorescence and independent component analysis (ICA): advantages of a multivariate calibration. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 703	3.1	10
250	What conjugated polyelectrolytes tell us about aggregation in polyelectrolyte/surfactant systems. <i>Journal of Molecular Liquids</i> , 2015 , 210, 82-99	6	23
249	Ternary mutual diffusion in aqueous (ethambutol dihydrochloride + hydrochloric acid) solutions. <i>Journal of Chemical Thermodynamics</i> , 2015 , 90, 140-146	2.9	3
248	Exploring excited states of Pt(II) diimine catecholates for photoinduced charge separation. <i>Dalton Transactions</i> , 2015 , 44, 11705-16	4.3	11
247	Polyelectrolyte complexes of a cationic all conjugated fluorene-thiophene diblock copolymer with aqueous DNA. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 3231-41	3.4	15
246	Transport properties in aqueous ethambutol dihydrochloride. <i>International Journal of Pharmaceutics</i> , 2015 , 479, 306-11	6.5	5
245	β-Cyclodextrin as a photostabilizer of the plant growth regulator 2-(1-naphthyl) acetamide in aqueous solution. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014 , 79, 329-336	1.7	2
244	Size and ability do matter! Influence of acidity and pore size on the synthesis of hindered halogenated meso-phenyl porphyrins catalysed by porous solid oxides. <i>Chemical Communications</i> , 2014 , 50, 6571-3	5.8	30
243	Conjugated Polyelectrolyte (CPE) Poly{3-[6-(N-methylimidazolium)hexyl]-2,5-thiophene} Complexed with DNA: Relation between Colloidal Level Solution Structure and Chromic Effects. <i>Macromolecules</i> , 2014 , 47, 4017-4027	5.5	16
242	Transport properties of ephedrine hydrochloride through poly(vinyl alcohol) matrices: a simple method for enantiomeric differentiation. <i>Colloid and Polymer Science</i> , 2014 , 292, 1665-1673	2.4	3
241	Heterogeneous photocatalytic degradation of pesticides using decatungstate intercalated macroporous layered double hydroxides. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 11218-27	5.7	17
240	In depth analysis of the quenching of three fluorene-phenylene-based cationic conjugated polyelectrolytes by DNA and DNA bases. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 460-9	3.4	10
239	Self-assembly of poly{1,4-phenylene-[9,9-bis(4-phenoxy-butylsulfonate)]fluorene-2,7-diyl} with oppositely charged phenylenevinylene oligoelectrolytes. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 613-23	3.4	14
238	The interaction of long chain sodium carboxylates and sodium dodecylsulfate with lead(II) ions in aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2014 , 414, 66-72	9.3	21
237	Structural and Electronic Properties of Poly(9,9-dialkylfluorene)-Based Alternating Copolymers in Solution: An NMR Spectroscopy and Density Functional Theory Study. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 17969-17982	3.8	15
236	Aggregation properties of p-phenylene vinylene based conjugated oligoelectrolytes with surfactants. <i>Langmuir</i> , 2013 , 29, 10047-58	4	16
235	Understanding the interaction between trivalent lanthanide ions and stereoregular polymethacrylates through luminescence, binding isotherms, NMR, and interaction with cetylpyridinium chloride. <i>Langmuir</i> , 2013 , 29, 14429-37	4	12
234	Separating Solvent and Conformational Effects on the Photophysics of a Homologous Progression of N-Terminated Phenylenevinylene Oligomers. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 18353-18366	3.8	11

233	Effect of the phospholipid chain length and head group on beta-phase formation of poly(9,9-dioctylfluorene) enclosed in liposomes. <i>Photochemistry and Photobiology</i> , 2013 , 89, 1471-8	3.6	2
232	Structural characterization of solid trivalent metal dodecyl sulfates: from aqueous solution to lamellar superstructures. <i>RSC Advances</i> , 2013 , 3, 1420-1433	3.7	18
231	Structural and photophysical studies on gallium(III) 8-hydroxyquinoline-5-sulfonates. Does excited state decay involve ligand photolabilisation?. <i>Dalton Transactions</i> , 2013 , 42, 3682-94	4.3	19
230	Theoretical and experimental insights into the complexation of 8-hydroxyquinoline-5-sulfonate with divalent ions of Group 12 metals. <i>Polyhedron</i> , 2013 , 52, 743-749	2.7	10
229	Photophysical characterization of the plant growth regulator 2-(1-naphthyl) acetamide. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013 , 265, 29-40	4.7	7
228	Polymorphism and melt crystallisation of racemic betaxolol, a β -adrenergic antagonist drug. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013 , 111, 2171-2178	4.1	11
227	Fluorescence quenching of protonated β -carbolines in water and microemulsions: evidence for heavy-atom and electron-transfer mechanisms. <i>Photochemical and Photobiological Sciences</i> , 2013 , 12, 1606-14	4.2	4
226	Photochemical degradation of the plant growth regulator 2-(1-naphthyl) acetamide in aqueous solution upon UV irradiation. <i>Photochemistry and Photobiology</i> , 2013 , 89, 560-70	3.6	12
225	Photochemical Materials: Absorbers, Emitters, Displays, Sensitisers, Acceptors, Traps and Photochromics 2013 , 149-216		
224	Aggregation Properties of Conjugated Polyelectrolytes 2013 , 127-167		6
223	Selective fluorescence quenching in cationic fluorene-thiophene diblock copolymers for ratiometric sensing of anions. <i>Macromolecular Rapid Communications</i> , 2013 , 34, 717-22	4.8	33
222	Novel electrospun luminescent nanofibers from cationic polyfluorene/cellulose acetate blend. <i>Cellulose</i> , 2013 , 20, 169-177	5.5	10
221	Inorganic helping organic: recent advances in catalytic heterogeneous oxidations by immobilised tetrapyrrolic macrocycles in micro and mesoporous supports. <i>RSC Advances</i> , 2013 , 3, 22774	3.7	56
220	Macromol. Rapid Commun. 9/2013. <i>Macromolecular Rapid Communications</i> , 2013 , 34, 716-716	4.8	
219	What drives the precipitation of long-chain calcium carboxylates (soaps) in aqueous solution?. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 7517-27	3.6	20
218	NMR, DFT and luminescence studies of the complexation of Al(III) with 8-hydroxyquinoline-5-sulfonate. <i>Dalton Transactions</i> , 2012 , 41, 12478-89	4.3	29
217	Does cation dehydration drive the binding of metal ions to polyelectrolytes in water? What we can learn from the behaviour of aluminium(III) and chromium(III). <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 7950-3	3.6	18
216	Spectroscopic properties, excitation, and electron transfer in an anionic water-soluble poly(fluorene-alt-phenylene)-perylene-3,4,9,10-tetracarboxylic diimide copolymer. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 7548-59	3.4	14

215	Cationic polythiophene-surfactant self-assembly complexes: phase transitions, optical response, and sensing. <i>Langmuir</i> , 2012 , 28, 12348-56	4	67
214	Metalloporphyrin triads: Synthesis and photochemical characterization. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012 , 242, 59-66	4-7	26
213	Routes to synthesis of porphyrins covalently bound to poly(carbazole)s and poly(fluorene)s: Structural and computational studies on oligomers. <i>Journal of Molecular Structure</i> , 2012 , 1029, 199-208	3-4	8
212	Effect of metal ion hydration on the interaction between sodium carboxylates and aluminum(III) or chromium(III) ions in aqueous solution. <i>Langmuir</i> , 2012 , 28, 168-77	4	19
211	Energy transfer from fluorene-based conjugated polyelectrolytes to on-chain and self-assembled porphyrin units. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 1408-1417	2-5	26
210	Incorporation of polyfluorenes into poly(lactic acid) films for sensor and optoelectronics applications. <i>Polymer International</i> , 2012 , 61, 1023-1030	3-3	8
209	Structural considerations and reactivity of peroxocomplexes of V(V), Mo(VI) and W(VI). <i>Dalton Transactions</i> , 2011 , 40, 4374-83	4-3	33
208	Synthesis of new metalloporphyrin triads: efficient and versatile tripod optical sensor for the detection of amines. <i>Inorganic Chemistry</i> , 2011 , 50, 7916-8	5-1	32
207	Conjugated polyelectrolyte (CPE) poly[3-[6-(N-methylimidazolium)hexyl]-2,5-thiophene] complexed with aqueous sodium dodecylsulfate amphiphile: synthesis, solution structure and surfactochromic properties. <i>Soft Matter</i> , 2011 , 7, 6863	3-6	39
206	[8+2] Cycloaddition of meso-Tetra- and 5,15-Diarylporphyrins: Synthesis and Photophysical Characterization of Stable Chlorins and Bacteriochlorins. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 3970-3979	3-2	23
205	NMR, DFT and luminescence studies of the complexation of Zn(II) with 8-hydroxyquinoline-5-sulfonate. <i>Dalton Transactions</i> , 2011 , 40, 11732-41	4-3	23
204	Effect of aggregation on the photophysical properties of three fluorene-phenylene-based cationic conjugated polyelectrolytes. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 6885-92	3-4	19
203	Phase formation of poly(9,9-dioctylfluorene) induced by liposome phospholipid bilayers. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 5794-800	3-4	17
202	Gel Formation and Interpolymer Alkyl Chain Interactions with Poly(9,9-dioctylfluorene-2,7-diyl) (PFO) in Toluene Solution: Results from NMR, SANS, DFT, and Semiempirical Calculations and Their Implications for PFO Phase Formation. <i>Macromolecules</i> , 2011 , 44, 334-343	5-5	32
201	On the flocculation and re-dissolution of trivalent lanthanide metal ions by sodium dodecyl sulfate in aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2011 , 354, 670-6	9-3	18
200	A new nonconjugated naphthalene derivative of meso-tetra-(3-hydroxy)-phenyl-porphyrin as a potential sensitizer for photodynamic therapy. <i>Photochemistry and Photobiology</i> , 2010 , 86, 1147-53	3-6	14
199	Concentration Effect on the Oriented Microstructure in Tensile Drawn Polyfluorene/Polyethylene Blend. <i>Macromolecules</i> , 2010 , 43, 299-305	5-5	13
198	Multicomponent Interdiffusion and Self-Diffusion of the Cationic Poly[[9,9-bis(6-(N,N,N-trimethylammonium)hexyl)fluorene-phenylene] Dibromide in a Dimethyl Sulfoxide + Water Solution. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 1860-1866	2-8	17

197	Structure and "surfactochromic" properties of conjugated polyelectrolyte (CPE): surfactant complexes between a cationic polythiophene and SDS in water. <i>Langmuir</i> , 2010 , 26, 15634-43	4	64
196	All-conjugated polyelectrolyte block copolymers. <i>Journal of Materials Chemistry</i> , 2010 , 20, 1423-1430		65
195	How to change the aggregation in the DNA/surfactant/cationic conjugated polyelectrolyte system through the order of component addition: anionic versus neutral surfactants. <i>Langmuir</i> , 2010 , 26, 11705-14	4	10
194	Mechanistic studies on the photodegradation of 2,5-dialkyloxyl-substituted para-phenylenevinylene oligomers by singlet oxygen. <i>Photochemical and Photobiological Sciences</i> , 2010 , 9, 942-8	4.2	9
193	Solvent dependent assembly of a polyfluorene-polythiophene "rod-rod" block copolyelectrolyte: influence on photophysical properties. <i>Langmuir</i> , 2010 , 26, 5056-66	4	28
192	Validation of TPEN as a zinc chelator in fluorescence probing of calcium in cells with the indicator Fura-2. <i>Journal of Fluorescence</i> , 2010 , 20, 377-80	2.4	8
191	Fluorene based conjugated polyelectrolyte/silica nanocomposites: charge-mediated phase aggregation at the organic-inorganic interface. <i>Advanced Materials</i> , 2010 , 22, 3032-7	24	31
190	Cationic fluorene-thiophene diblock copolymers: Aggregation behaviour in methanol/water and its relation to thin film structures. <i>Polymer</i> , 2010 , 51, 1898-1903	3.9	32
189	Thermodynamic analysis of the interaction between trivalent metal ions and sodium dodecyl sulfate: An electrical conductance study. <i>Journal of Molecular Liquids</i> , 2010 , 156, 109-114	6	35
188	Effects of commercial non-ionic alkyl oxyethylene and ionic biocompatible arginine-based surfactants on the photophysical behaviour of several poly(fluorene-1,4-phenylene)s. <i>Journal of Molecular Liquids</i> , 2010 , 156, 18-27	6	10
187	Immobilization of halogenated porphyrins and their copper complexes in MCM-41: Environmentally friendly photocatalysts for the degradation of pesticides. <i>Applied Catalysis B: Environmental</i> , 2010 , 100, 1-9	21.8	50
186	Binding of polynucleotides to conjugated polyelectrolytes and its applications in sensing. <i>Advances in Colloid and Interface Science</i> , 2010 , 158, 94-107	14.3	39
185	Immobilization of 5,10,15,20-tetrakis-(2-fluorophenyl)porphyrin into MCM-41 and NaY: Routes toward photodegradation of pesticides. <i>Pure and Applied Chemistry</i> , 2009 , 81, 2025-2033	2.1	16
184	Singlet Excitation Energy Harvesting and Triplet Emission in the Self-Assembled System Poly{1,4-phenylene-[9,9-bis (4-phenoxy-butylsulfonate)]fluorene-2,7-diyl} copolymer/tris(bipyridyl)ruthenium(II) in Aqueous Solution. <i>Advanced Materials</i> , 2009 , 21, 1155-1159	24	21
183	Photodynamics of a PV trimer in high-viscosity solvents and in PMMA films: a new insight into energy transfer versus conformational relaxation in conjugated polymers. <i>ChemPhysChem</i> , 2009 , 10, 448-54	3.2	21
182	Effects of pH and temperature on the sorption of sodium dodecyl sulfate by cellulose acetate/polyaniline blend membranes. <i>Journal of Applied Polymer Science</i> , 2009 , 111, 1947-1953	2.9	4
181	Catalytic oxidative degradation of s-triazine and phenoxyalkanoic acid based herbicides with metalloporphyrins and hydrogen peroxide: Identification of two distinct reaction schemes. <i>Journal of Molecular Catalysis A</i> , 2009 , 297, 35-43		29
180	Mean distance of closest approach of potassium, cesium and rubidium ions in aqueous solutions: Experimental and theoretical calculations. <i>Journal of Molecular Liquids</i> , 2009 , 146, 69-73	6	11

179	On the photophysical behaviour of 4-halo-5-phenyl-oxazoles and isoxazoles: A correction and observations on the photoinduced isomerisation and degradation of methyl 4-halo-5-phenyl-isoxazole-3-carboxylates. <i>Chemical Physics Letters</i> , 2009 , 474, 84-87	2.5	9
178	Synthesis and properties of polyaniline/ellulose acetate blends: The use of sugarcane bagasse waste and the effect of the substitution degree. <i>Carbohydrate Polymers</i> , 2009 , 78, 402-408	10.3	39
177	Singlet-singlet energy transfer in self-assembled systems of the cationic poly{9,9-bis[6-N,N,N-trimethylammonium]hexyl}fluorene-co-1,4-phenylene} with oppositely charged porphyrins. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 16093-100	3.4	23
176	Conformational studies of poly(9,9-dialkylfluorene)s in solution using NMR spectroscopy and density functional theory calculations. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 11808-21	3.4	27
175	Interaction between poly(9,9-bis(6'-N,N,N-trimethylammonium)hexyl)fluorene phenylene bromide and DNA as seen by spectroscopy, viscosity, and conductivity: effect of molecular weights and DNA secondary structure. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 1294-1302	3.4	18
174	Cationic fluorene-based conjugated polyelectrolytes induce compaction and bridging in DNA. <i>Biomacromolecules</i> , 2009 , 10, 2987-97	6.9	17
173	Fluorescence behavior of a pyrene-end-capped poly(ethylene oxide) in organic solvents and in dioxane-water mixtures. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 618-26	3.4	25
172	Solubilization of poly{1,4-phenylene-[9,9-bis(4-phenoxy-butylsulfonate)]fluorene-2,7-diyl} in water by nonionic amphiphiles. <i>Langmuir</i> , 2009 , 25, 5545-56	4	34
171	Photophysical and spectroscopic investigations on (oligo)thiophene-arylene step-ladder copolymers. The interplay of conformational relaxation and on-chain energy transfer. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 15928-36	3.4	16
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